

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A single electrical conducting cable comprising:
 - (a) a conductive core having solid one-piece terminal lugs at each end, wherein said lugs comprise an oxidation resistant alloy;
 - (b) a single gas impermeable sheath comprising an oxidation resistant alloy and having an inner surface and an outer surface, the outer surface of which is hermetically sealed using a heat resistant braze to each of the terminal lugs, thereby entirely encasing the conductive core.
2. (Original) The cable of claim 1 wherein the conductive core comprises copper, nickel, aluminum, or silver, or alloys thereof.
3. (Original) The cable of claim 2 wherein the conductive core comprises copper.
4. (Previously Presented) The cable of claim 1 wherein the sheath is flexible and comprises a corrugated metal resistant to oxidation.
5. (Original) The cable of claim 4 wherein the corrugated metal comprises a stainless steel.
6. (Currently Amended) An electrical conducting cable consisting essentially of:
 - (a) a conductive core having solid one-piece terminal lugs at each end;
 - (b) a single gas impermeable sheath having an inner surface and an outer surface, the outer surface of which is hermetically sealed to each of the terminal lugs.

7. (Original) The cable of claim 6 wherein the conductive core comprises copper, nickel, aluminum, or silver, or alloys thereof.
8. (Original) The cable of claim 7 wherein the conductive core comprises copper.
9. (Previously Amended) The cable of claim 6 wherein the sheath is flexible and comprises a corrugated metal resistant to oxidation.
10. (Original) The cable of claim 9 wherein the corrugated metal comprises a stainless steel.